# Tree Diagram

**id:21 level: 0**
7: C7 C8 C15 C16 C17 C23 C24
15: C7 = C8( C7 C8 ) C7 = C15( C7 C15 ) C7 = C23( C7 C23 ) C8 = C16( C8 C16 ) C8 = C23( C8 C23 )
C8 = C24( C8 C24 ) C15 = C16( C15 C16 ) C15 = C17( C15 C17 ) C15 = C23( C15 C23 ) C16 = C17( C16 C17 ) C16 = C23( C16 C23 )
C16 = C24( C16 C24 ) C17 = C23( C17 C23 ) C17 = C24( C17 C24 ) C23 = C24( C23 C24 )

*Edge (left):* 6: C7 C8 C16 C17 C23 C24
11: C7 = C8 ,C7 = C23 ,C8 = C16 ,C8 = C23 ,C8 = C24 ,
C16 = C17 ,C16 = C23 ,C16 = C24 ,C17 = C23 ,C17 = C24 ,C23 = C24 ,

*Edge (right):* 6: C7 C8 C15 C16 C23 C24
11: C7 = C8 ,C7 = C15 ,C7 = C23 ,C8 = C16 ,C8 = C23 ,
C8 = C24 ,C15 = C16 ,C15 = C23 ,C16 = C23 ,C16 = C24 ,C23 = C24 ,

**id:22 level: 1**
7: C7 C8 C9 C16 C17 C23 C24
16: C7 = C8( C7 C8 ) C7 = C9( C7 C9 ) C7 = C23( C7 C23 ) C8 = C9( C8 C9 ) C8 = C16( C8 C16 )
C8 = C23( C8 C23 ) C8 = C24( C8 C24 ) C9 = C17( C9 C17 ) C9 = C23( C9 C23 ) C9 = C24( C9 C24 ) C16 = C17( C16 C17 )
C16 = C23( C16 C23 ) C16 = C24( C16 C24 ) C17 = C23( C17 C23 ) C17 = C24( C17 C24 ) C23 = C24( C23 C24 )

**id:23 level: 1**
7: C7 C8 C15 C16 C22 C23 C24
17: C7 = C8( C7 C8 ) C7 = C15( C7 C15 ) C7 = C22( C7 C22 ) C7 = C23( C7 C23 ) C8 = C16( C8 C16 )
C8 = C22( C8 C22 ) C8 = C23( C8 C23 ) C8 = C24( C8 C24 ) C15 = C16( C15 C16 ) C15 = C22( C15 C22 ) C15 = C23( C15 C23 )
C16 = C22( C16 C22 ) C16 = C23( C16 C23 ) C16 = C24( C16 C24 ) C22 = C23( C22 C23 ) C22 = C24( C22 C24 ) C23 = C24( C23 C24 )

*Edge (22→24):* 6: C8 C9 C16 C17 C23 C24
13: C8 = C9 ,C8 = C16 ,C8 = C23 ,C8 = C24 ,C9 = C17 ,
C9 = C23 ,C9 = C24 ,C16 = C17 ,C16 = C23 ,C16 = C24 ,C17 = C23 ,
C17 = C24 ,C23 = C24 ,

*Edge (23→25):* 6: C7 C8 C15 C16 C22 C23
13: C7 = C8 ,C7 = C15 ,C7 = C22 ,C7 = C23 ,C8 = C16 ,
C8 = C22 ,C8 = C23 ,C15 = C16 ,C15 = C22 ,C15 = C23 ,C16 = C22 ,
C16 = C23 ,C22 = C23 ,

**id:24 level: 2**
7: C8 C9 C16 C17 C23 C24 C25
17: C8 = C9( C8 C9 ) C8 = C16( C8 C16 ) C8 = C23( C8 C23 ) C8 = C24( C8 C24 ) C9 = C17( C9 C17 )
C9 = C23( C9 C23 ) C9 = C24( C9 C24 ) C9 = C25( C9 C25 ) C16 = C17( C16 C17 ) C16 = C23( C16 C23 ) C16 = C24( C16 C24 )
C17 = C23( C17 C23 ) C17 = C24( C17 C24 ) C17 = C25( C17 C25 ) C23 = C24( C23 C24 ) C23 = C25( C23 C25 ) C24 = C25( C24 C25 )

**id:25 level: 2**
7: C6 C7 C8 C15 C16 C22 C23
16: C6 = C7( C6 C7 ) C6 = C8( C6 C8 ) C6 = C22( C6 C22 ) C7 = C8( C7 C8 ) C7 = C15( C7 C15 )
C7 = C22( C7 C22 ) C7 = C23( C7 C23 ) C8 = C16( C8 C16 ) C8 = C22( C8 C22 ) C8 = C23( C8 C23 ) C15 = C16( C15 C16 )
C15 = C22( C15 C22 ) C15 = C23( C15 C23 ) C16 = C22( C16 C22 ) C16 = C23( C16 C23 ) C22 = C23( C22 C23 )

*Edge (24→26):* 6: C8 C9 C16 C17 C24 C25
11: C8 = C9 ,C8 = C16 ,C8 = C24 ,C9 = C17 ,C9 = C24 ,
C9 = C25 ,C16 = C17 ,C16 = C24 ,C17 = C24 ,C17 = C25 ,C24 = C25 ,

*Edge (25→27):* 6: C6 C7 C15 C16 C22 C23
11: C6 = C7 ,C6 = C22 ,C7 = C15 ,C7 = C22 ,C7 = C23 ,
C15 = C16 ,C15 = C22 ,C15 = C23 ,C16 = C22 ,C16 = C23 ,C22 = C23 ,

**id:26 level: 3**
7: C8 C9 C16 C17 C18 C24 C25
15: C8 = C9( C8 C9 ) C8 = C16( C8 C16 ) C8 = C24( C8 C24 ) C9 = C17( C9 C17 ) C9 = C24( C9 C24 )
C9 = C25( C9 C25 ) C16 = C17( C16 C17 ) C16 = C18( C16 C18 ) C16 = C24( C16 C24 ) C17 = C18( C17 C18 ) C17 = C24( C17 C24 )
C17 = C25( C17 C25 ) C18 = C24( C18 C24 ) C18 = C25( C18 C25 ) C24 = C25( C24 C25 )

**id:27 level: 3**
7: C6 C7 C14 C15 C16 C22 C23
15: C6 = C7( C6 C7 ) C6 = C14( C6 C14 ) C6 = C22( C6 C22 ) C7 = C15( C7 C15 ) C7 = C22( C7 C22 )
C7 = C23( C7 C23 ) C14 = C15( C14 C15 ) C14 = C16( C14 C16 ) C14 = C22( C14 C22 ) C15 = C16( C15 C16 ) C15 = C22( C15 C22 )
C15 = C23( C15 C23 ) C16 = C22( C16 C22 ) C16 = C23( C16 C23 ) C22 = C23( C22 C23 )

*Edge (26→28):* 6: C8 C9 C17 C18 C24 C25
11: C8 = C9 ,C8 = C24 ,C9 = C17 ,C9 = C24 ,C9 = C25 ,
C17 = C18 ,C17 = C24 ,C17 = C25 ,C18 = C24 ,C18 = C25 ,C24 = C25 ,

*Edge (27→29):* 6: C6 C7 C14 C15 C22 C23
11: C6 = C7 ,C6 = C14 ,C6 = C22 ,C7 = C15 ,C7 = C22 ,
C7 = C23 ,C14 = C15 ,C14 = C22 ,C15 = C22 ,C15 = C23 ,C22 = C23 ,

**id:28 level: 4**
7: C8 C9 C10 C17 C18 C24 C25
16: C8 = C9( C8 C9 ) C8 = C10( C8 C10 ) C8 = C24( C8 C24 ) C9 = C10( C9 C10 ) C9 = C17( C9 C17 )
C9 = C24( C9 C24 ) C9 = C25( C9 C25 ) C10 = C18( C10 C18 ) C10 = C24( C10 C24 ) C10 = C25( C10 C25 ) C17 = C18( C17 C18 )
C17 = C24( C17 C24 ) C17 = C25( C17 C25 ) C18 = C24( C18 C24 ) C18 = C25( C18 C25 ) C24 = C25( C24 C25 )

**id:29 level: 4**
7: C6 C7 C14 C15 C21 C22 C23
17: C6 = C7( C6 C7 ) C6 = C14( C6 C14 ) C6 = C22( C6 C22 ) C7 = C15( C7 C15 )
C7 = C21( C7 C21 ) C7 = C22( C7 C22 ) C7 = C23( C7 C23 ) C14 = C15( C14 C15 ) C14 = C21( C14 C21 ) C14 = C22( C14 C22 )
C15 = C21( C15 C21 ) C15 = C22( C15 C22 ) C15 = C23( C15 C23 ) C21 = C22( C21 C22 ) C21 = C23( C21 C23 ) C22 = C23( C22 C23 )

*Edge (28→30):* 6: C9 C10 C17 C18 C24 C25
13: C9 = C10 ,C9 = C17 ,C9 = C24 ,C9 = C25 ,C10 = C18 ,
C10 = C24 ,C10 = C25 ,C17 = C18 ,C17 = C24 ,C17 = C25 ,C18 = C24 ,
C18 = C25 ,C24 = C25 ,

*Edge (29→31):* 6: C6 C7 C14 C15 C21 C22
13: C6 = C7 ,C6 = C14 ,C6 = C21 ,C6 = C22 ,C7 = C15 ,
C7 = C21 ,C7 = C22 ,C14 = C15 ,C14 = C21 ,C14 = C22 ,C15 = C21 ,
C15 = C22 ,C21 = C22 ,

**id:30 level: 5**
7: C9 C10 C17 C18 C24 C25 C26
17: C9 = C10( C9 C10 ) C9 = C17( C9 C17 ) C9 = C24( C9 C24 ) C9 = C25( C9 C25 ) C10 = C18( C10 C18 )
C10 = C24( C10 C24 ) C10 = C25( C10 C25 ) C10 = C26( C10 C26 ) C17 = C18( C17 C18 ) C17 = C24( C17 C24 ) C17 = C25( C17 C25 )
C18 = C24( C18 C24 ) C18 = C25( C18 C25 ) C18 = C26( C18 C26 ) C24 = C25( C24 C25 ) C24 = C26( C24 C26 ) C25 = C26( C25 C26 )

**id:31 level: 5**
7: C4 C6 C7 C14 C15 C21 C22
16: C4 = C6( C4 C6 ) C4 = C7( C4 C7 ) C4 = C21( C4 C21 ) C6 = C7( C6 C7 ) C6 = C14( C6 C14 )
C6 = C21( C6 C21 ) C6 = C22( C6 C22 ) C7 = C15( C7 C15 ) C7 = C21( C7 C21 ) C7 = C22( C7 C22 ) C14 = C15( C14 C15 )
C14 = C21( C14 C21 ) C14 = C22( C14 C22 ) C15 = C21( C15 C21 ) C15 = C22( C15 C22 ) C21 = C22( C21 C22 )

*Edge (30→32):* 6: C9 C10 C17 C18 C25 C26
11: C9 = C10 ,C9 = C17 ,C9 = C25 ,C10 = C18 ,C10 = C25 ,
C10 = C26 ,C17 = C18 ,C17 = C25 ,C18 = C25 ,C18 = C26 ,C25 = C26 ,

*Edge (31→33):* 6: C4 C6 C14 C15 C21 C22
11: C4 = C6 ,C4 = C21 ,C6 = C14 ,C6 = C21 ,C6 = C22 ,
C14 = C15 ,C14 = C21 ,C14 = C22 ,C15 = C21 ,C15 = C22 ,C21 = C22 ,

**id:32 level: 6**
7: C9 C10 C17 C18 C19 C25 C26
15: C9 = C10( C9 C10 ) C9 = C17( C9 C17 ) C9 = C25( C9 C25 ) C10 = C18( C10 C18 ) C10 = C25( C10 C25 )
C10 = C26( C10 C26 ) C17 = C18( C17 C18 ) C17 = C19( C17 C19 ) C17 = C25( C17 C25 ) C18 = C19( C18 C19 ) C18 = C25( C18 C25 )
C18 = C26( C18 C26 ) C19 = C25( C19 C25 ) C19 = C26( C19 C26 ) C25 = C26( C25 C26 )

**id:33 level: 6**
7: C4 C6 C13 C14 C15 C21 C22
15: C4 = C6( C4 C6 ) C4 = C13( C4 C13 ) C4 = C21( C4 C21 ) C6 = C14( C6 C14 ) C6 = C21( C6 C21 )
C6 = C22( C6 C22 ) C13 = C14( C13 C14 ) C13 = C15( C13 C15 ) C13 = C21( C13 C21 ) C14 = C15( C14 C15 ) C14 = C21( C14 C21 )
C14 = C22( C14 C22 ) C15 = C21( C15 C21 ) C15 = C22( C15 C22 ) C21 = C22( C21 C22 )

*Edge (32→34):* 6: C9 C10 C18 C19 C25 C26
11: C9 = C10 ,C9 = C25 ,C10 = C18 ,C10 = C25 ,C10 = C26 ,
C18 = C19 ,C18 = C25 ,C18 = C26 ,C19 = C25 ,C19 = C26 ,C25 = C26 ,

*Edge (33→35):* 6: C4 C6 C13 C14 C21 C22
11: C4 = C6 ,C4 = C13 ,C4 = C21 ,C6 = C14 ,C6 = C21 ,
C6 = C22 ,C13 = C14 ,C13 = C21 ,C14 = C21 ,C14 = C22 ,C21 = C22 ,

**id:34 level: 7**
7: C9 C10 C11 C18 C19 C25 C26
16: C9 = C10( C9 C10 ) C9 = C11( C9 C11 ) C9 = C25( C9 C25 ) C10 = C11( C10 C11 ) C10 = C18( C10 C18 )
C10 = C25( C10 C25 ) C10 = C26( C10 C26 ) C11 = C19( C11 C19 ) C11 = C25( C11 C25 ) C11 = C26( C11 C26 ) C18 = C19( C18 C19 )
C18 = C25( C18 C25 ) C18 = C26( C18 C26 ) C19 = C25( C19 C25 ) C19 = C26( C19 C26 ) C25 = C26( C25 C26 )

**id:35 level: 7**
7: C4 C6 C13 C14 C20 C21 C22
17: C4 = C6( C4 C6 ) C4 = C13( C4 C13 ) C4 = C20( C4 C20 ) C4 = C21( C4 C21 ) C6 = C14( C6 C14 )
C6 = C20( C6 C20 ) C6 = C21( C6 C21 ) C6 = C22( C6 C22 ) C13 = C14( C13 C14 ) C13 = C20( C13 C20 ) C13 = C21( C13 C21 )
C14 = C20( C14 C20 ) C14 = C21( C14 C21 ) C14 = C22( C14 C22 ) C20 = C21( C20 C21 ) C20 = C22( C20 C22 ) C21 = C22( C21 C22 )

*Edge (34→36):* 6: C10 C11 C18 C19 C25 C26
13: C10 = C11 ,C10 = C18 ,C10 = C25 ,C10 = C26 ,C11 = C19 ,
C11 = C25 ,C11 = C26 ,C18 = C19 ,C18 = C25 ,C18 = C26 ,C19 = C25 ,
C19 = C26 ,C25 = C26 ,

*Edge (35→37):* 6: C4 C6 C13 C14 C20 C21
13: C4 = C6 ,C4 = C13 ,C4 = C20 ,C4 = C21 ,C6 = C14 ,
C6 = C20 ,C6 = C21 ,C13 = C14 ,C13 = C20 ,C13 = C21 ,C14 = C20 ,
C14 = C21 ,C20 = C21 ,

**id:36 level: 8**
7: C10 C11 C12 C18 C19 C25 C26
17: C10 = C11( C10 C11 ) C10 = C18( C10 C18 ) C10 = C25( C10 C25 ) C10 = C26( C10 C26 ) C11 = C12( C11 C12 )
C11 = C19( C11 C19 ) C11 = C25( C11 C25 ) C11 = C26( C11 C26 ) C12 = C19( C12 C19 ) C12 = C25( C12 C25 ) C12 = C26( C12 C26 )
C18 = C19( C18 C19 ) C18 = C25( C18 C25 ) C18 = C26( C18 C26 ) C19 = C25( C19 C25 ) C19 = C26( C19 C26 ) C25 = C26( C25 C26 )

**id:37 level: 8**
7: C2 C4 C6 C13 C14 C20 C21
16: C2 = C13( C2 C13 ) C2 = C14( C2 C14 ) C2 = C20( C2 C20 ) C4 = C6( C4 C6 ) C4 = C13( C4 C13 )
C4 = C20( C4 C20 ) C4 = C21( C4 C21 ) C6 = C14( C6 C14 ) C6 = C20( C6 C20 ) C6 = C21( C6 C21 ) C13 = C14( C13 C14 )
C13 = C20( C13 C20 ) C13 = C21( C13 C21 ) C14 = C20( C14 C20 ) C14 = C21( C14 C21 ) C20 = C21( C20 C21 )

*Edge (36→38):* 6: C10 C11 C12 C18 C19 C26
11: C10 = C11 ,C10 = C18 ,C10 = C26 ,C11 = C12 ,C11 = C19 ,
C11 = C26 ,C12 = C19 ,C12 = C26 ,C18 = C19 ,C18 = C26 ,C19 = C26 ,

*Edge (37→39):* 6: C2 C4 C6 C13 C20 C21
11: C2 = C13 ,C2 = C20 ,C4 = C6 ,C4 = C13 ,C4 = C20 ,
C4 = C21 ,C6 = C20 ,C6 = C21 ,C13 = C20 ,C13 = C21 ,C20 = C21 ,

**id:38 level: 9**
7: C3 C10 C11 C12 C18 C19 C26
15: C3 = C12( C3 C12 ) C3 = C18( C3 C18 ) C3 = C19( C3 C19 ) C3 = C26( C3 C26 ) C10 = C11( C10 C11 )
C10 = C18( C10 C18 ) C10 = C26( C10 C26 ) C11 = C12( C11 C12 ) C11 = C19( C11 C19 ) C11 = C26( C11 C26 ) C12 = C19( C12 C19 )
C12 = C26( C12 C26 ) C18 = C19( C18 C19 ) C18 = C26( C18 C26 ) C19 = C26( C19 C26 )

**id:39 level: 9**
7: C2 C4 C5 C6 C13 C20 C21
16: C2 = C5( C2 C5 ) C2 = C13( C2 C13 ) C2 = C20( C2 C20 ) C4 = C5( C4 C5 ) C4 = C6( C4 C6 )
C4 = C13( C4 C13 ) C4 = C20( C4 C20 ) C4 = C21( C4 C21 ) C5 = C13( C5 C13 ) C5 = C20( C5 C20 ) C6 = C20( C6 C20 )
C6 = C21( C6 C21 ) C13 = C20( C13 C20 ) C13 = C21( C13 C21 ) C20 = C21( C20 C21 )

*Edge (38→40):* 5: C3 C10 C11 C12 C26
7: C3 = C12 ,C3 = C26 ,C10 = C11 ,C10 = C26 ,C11 = C12 ,
C11 = C26 ,C12 = C26 ,

*Edge (39→41):* 5: C2 C4 C5 C6 C20
7: C2 = C5 ,C2 = C20 ,C4 = C5 ,C4 = C6 ,C4 = C20 ,
C5 = C20 ,C6 = C20 ,

**id:40 level: 10**
6: C1 C3 C10 C11 C12 C26
12: C1 = C3( C1 C3 ) C1 = C10( C1 C10 ) C1 = C11( C1 C11 ) C1 = C12( C1 C12 ) C1 = C26( C1 C26 )
C3 = C12( C3 C12 ) C3 = C26( C3 C26 ) C10 = C11( C10 C11 ) C10 = C26( C10 C26 ) C11 = C12( C11 C12 ) C11 = C26( C11 C26 )
C12 = C26( C12 C26 )

**id:41 level: 10**
6: C0 C2 C4 C5 C6 C20
12: C0 = C2( C0 C2 ) C0 = C4( C0 C4 ) C0 = C5( C0 C5 ) C0 = C6( C0 C6 ) C0 = C20( C0 C20 )
C2 = C5( C2 C5 ) C2 = C20( C2 C20 ) C4 = C5( C4 C5 ) C4 = C6( C4 C6 ) C4 = C20( C4 C20 ) C5 = C20( C5 C20 )
C6 = C20( C6 C20 )